

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method for storing a scrambled digital program comprising:
receiving the scrambled program;
receiving a plurality of access requirements, wherein each access requirement can descramble the scrambled program;
selecting at least one of the access requirements;
storing the scrambled program and the selected at least one access requirement.
2. (Original) The method of claim 1, wherein each access requirement is included in a packet identifier (PID).
3. (Original) The method of claim 1, further comprising filtering the selected access requirement with a filtering function that receives the plurality of access requirements at an input and permits the selected access requirement to pass to an output.
4. (Original) The method of claim 3, wherein the output of the filtering function is delivered to an input of a digital storage medium.
5. (Original) The method of claim 1, wherein the access requirements are selected from the group comprising pay per view, pay per time, impulse pay per view, time based historical, pay per time, repurchase of copy never movies, and personal scrambling.
6. (Original) A copy management method for controlling the recording and reproduction of digital content comprising:
receiving a digital bitstream including program data, said program data including system information and said digital content in a scrambled format;

descrambling said digital content in a scrambled format to provide a first output including said digital content in a descrambled format;

re-scrambling said digital content in a descrambled format to provide a second output including said digital content in a re-scrambled format;

outputting said first output including said digital content in a descrambled format and a second output including said digital content in a re-scrambled format;

receiving a plurality of access requirements, wherein each access requirement can descramble the program data;

selecting at least one of the access requirements;

storing the scrambled program data and the selected at least one access requirement.

7. (Original) The copy management method of claim 6, further comprising receiving and recording said digital content of said second output in a scrambled format.

8. (Original) The copy management method of claim 6, further comprising:
demultiplexing said digital content from said program data; and
decompressing said digital content in a descrambled format to a decompressed state.

9. (Original) The copy management method of claim 6, wherein said decompressing is executed in an MPEG decoder.

10. (Original) The copy management method of claim 6, wherein said digital content is content contained in digital television transmissions.

11. (Original) The copy management method of claim 6, wherein said digital content is content downloaded from the Internet.

12. (Original) The copy management method of claim 6, wherein said descrambling and re-scrambling steps are carried out in a first conditional access unit.

13. (Original) The copy management system of claim 6, wherein said descrambling step is carried out in a first conditional access unit, and said re-scrambling step is carried out in a second conditional access unit.

14. (Original) The copy management system of claim 6, wherein said descrambling step comprises:

extracting a descrambling key included in said program data; and
applying said descrambling key to said digital content in a scrambled format to provide said digital content in a descrambled format.

15. (Original) The copy management system of claim 6, wherein said descrambling key is used to re-scramble said digital content.

16. (Original) A copy management method for controlling the recording and reproduction of digital content comprising:

receiving a digital bitstream including program data, said program data including system information and said digital content in a scrambled format;

descrambling said digital content in a scrambled format to provide a first output including said digital content in a descrambled format;

outputting said first output including said digital content in a descrambled format;

outputting a second output including said digital content in a scrambled format;

receiving a plurality of access requirements, wherein each access requirement can descramble the scrambled program;

selecting at least one of the access requirements;

storing the scrambled program data and the selected at least one access requirement.

17. (Original) The copy management method of claim 16, further comprising receiving and recording said digital content of said second output in a scrambled format.

18. (Original) The copy management method of claim 16, further comprising:
demultiplexing said digital content from said program data; and

decompressing said digital content in a descrambled format to a decompressed state.

19. (Original) The copy management method of claim 16, wherein said decompressing is executed in an MPEG decoder.

20. (Original) The copy management method of claim 16, wherein said digital content is content contained in digital television transmissions.

21. (Original) The copy management method of claim 16, wherein said digital content is downloaded from the Internet.

22. (Original) The copy management system of claim 16, wherein said descrambling comprises:

extracting a descrambling key included in said program data; and
applying said descrambling key to said digital content in a scrambled format to provide said digital content in a descrambled format.

23. (Previously Presented) An apparatus for storing a scrambled digital program comprising:

a receiver to receive the scrambled program and to receive a plurality of access requirements, wherein each access requirement can descramble the scrambled program;
a selector to select at least one of the access requirements; and
a memory to store the scrambled program and the selected at least one access requirement.

24. (Original) The apparatus of claim 23, wherein each access requirement is included in a packet identifier (PID).

25. (Original) The apparatus of claim 23, further comprising a filter to filter the selected access requirement with a filtering function that receives the plurality of access requirements at an input and permits the selected access requirement to pass to an output.

26. (Original) The apparatus of claim 25, wherein the output of the filtering function is delivered to an input of a digital storage medium.

27. (Original) The apparatus of claim 23, wherein the access requirements are selected from the group comprising pay per view, pay per time, impulse pay per view, time based historical, pay per time, repurchase of copy never movies, and personal scrambling.

28. (Original) A copy management system for controlling the recording and reproduction of digital content comprising:

means for receiving a digital bitstream including program data, said program data including system information and said digital content in a scrambled format;

means for descrambling said digital content in a scrambled format to provide a first output including said digital content in a descrambled format;

means for re-scrambling said digital content in a descrambled format to provide a second output including said digital content in a re-scrambled format;

means for outputting said first output including said digital content in a descrambled format and a second output including said digital content in a re-scrambled format;

means for receiving a plurality of access requirements, wherein each access requirement can descramble the program data;

means for selecting at least one of the access requirements;

means for storing the scrambled program data and the selected at least one access requirement.

29. (Original) The copy management system of claim 28, further comprising means for receiving and recording said digital content of said second output in a scrambled format.

30. (Original) The copy management system of claim 28, further comprising:

demultiplexing said digital content from said program data; and

decompressing said digital content in a descrambled format to a decompressed state.

31. (Original) The copy management system of claim 28, wherein said decompressing is executed in an MPEG decoder.

32. (Original) The copy management system of claim 28, wherein said digital content is content contained in digital television transmissions.

33. (Original) The copy management system of claim 28, wherein said digital content is content downloaded from the Internet.

34. (Original) The copy management system of claim 28, wherein said descrambling and re-scrambling steps are carried out in a first conditional access unit.

35. (Original) The copy management system of claim 28, wherein said descrambling step is carried out in a first conditional access unit, and said re-scrambling step is carried out in a second conditional access unit.

36. (Original) The copy management system of claim 28, wherein said descrambling step comprises:

means for extracting a descrambling key included in said program data; and
means for applying said descrambling key to said digital content in a scrambled format to provide said digital content in a descrambled format.

37. (Original) The copy management system of claim 28, wherein said descrambling key is used to re-scramble said digital content.

38. (Original) A copy management system for controlling the recording and reproduction of digital content comprising:

means for receiving a digital bitstream including program data, said program data including system information and said digital content in a scrambled format;
means for descrambling said digital content in a scrambled format to provide a first output including said digital content in a descrambled format;

means for outputting said first output including said digital content in a descrambled format;

means for outputting a second output including said digital content in a scrambled format;

means for receiving a plurality of access requirements, wherein each access requirement can descramble the scrambled program;

means for selecting at least one of the access requirements;

means for storing the scrambled program data and the selected at least one access requirement.

39. (Original) The copy management system of claim 38, further comprising means for receiving and recording said digital content of said second output in a scrambled format.

40. (Original) The copy management system of claim 38, further comprising:
means for demultiplexing said digital content from said program data; and
means for decompressing said digital content in a descrambled format to a decompressed state.

41. (Original) The copy management system of claim 38, wherein said decompressing is executed in an MPEG decoder.

42. (Original) The copy management system of claim 38, wherein said digital content is content contained in digital television transmissions.

43. (Original) The copy management system of claim 38, wherein said digital content is downloaded from the Internet.

44. (Original) The copy management system of claim 38, wherein said means for descrambling comprises:

means for extracting a descrambling key included in said program data; and

means for applying said descrambling key to said digital content in a scrambled format to provide said digital content in a descrambled format.

45. (Original) A system for storing a scrambled digital program comprising:
means for receiving the scrambled program;
means for receiving a plurality of access requirements, wherein each access requirement can descramble the scrambled program;
means for selecting at least one of the access requirements;
means for storing the scrambled program and the selected at least one access requirement.

46. (Original) The system of claim 45, wherein each access requirement is included in a packet identifier (PID).

47. (Original) The system of claim 45, further comprising means for filtering the selected access requirement with a filtering function that receives the plurality of access requirements at an input and permits the selected access requirement to pass to an output.

48. (Original) The system of claim 47, wherein the output of the filtering function is delivered to an input of a digital storage medium.

49. (Original) The system of claim 45, wherein the access requirements are selected from the group comprising pay per view, pay per time, impulse pay per view, time based historical, pay per time, repurchase of copy never movies, and personal scrambling.

50. (Original) A computer readable medium containing instructions which, when executed by a processing system, cause the system to perform a method for storing a scrambled digital program comprising:
receiving the scrambled program;
receiving a plurality of access requirements, wherein each access requirement can descramble the scrambled program;
selecting at least one of the access requirements;

storing the scrambled program and the selected at least one access requirement.

51. (Original) The medium of claim 50, wherein each access requirement is included in a packet identifier (PID).

52. (Original) The method of claim 50, wherein the instructions, when executed, further cause the system to perform filtering the selected access requirement with a filtering function that receives the plurality of access requirements at an input and permits the selected access requirement to pass to an output.

53. (Original) The medium of claim 52, wherein the output of the filtering function is delivered to an input of a digital storage medium.

54. (Original) The medium of claim 50, wherein the access requirements are selected from the group comprising pay per view, pay per time, impulse pay per view, time based historical, pay per time, repurchase of copy never movies, and personal scrambling.

55. (Original) A computer readable medium containing instructions which, when executed by a processing system, cause the system to perform a copy management method for controlling the recording and reproduction of digital content comprising:

receiving a digital bitstream including program data, said program data including system information and said digital content in a scrambled format;

descrambling said digital content in a scrambled format to provide a first output including said digital content in a descrambled format;

re-scrambling said digital content in a descrambled format to provide a second output including said digital content in a re-scrambled format;

outputting said first output including said digital content in a descrambled format and a second output including said digital content in a re-scrambled format;

receiving a plurality of access requirements, wherein each access requirement can descramble the program data;

selecting at least one of the access requirements;

storing the scrambled program data and the selected at least one access requirement.

56. (Original) The medium of claim 55, wherein the instructions, when executed, further cause the system to perform receiving and recording said digital content of said second output in a scrambled format.

57. (Original) The medium of claim 55, wherein the instructions, when executed, further cause the system to perform:

demultiplexing said digital content from said program data; and

decompressing said digital content in a descrambled format to a decompressed state.

58. (Original) A computer readable medium containing instructions which, when executed by a processing system, cause the system to perform a copy management method for controlling the recording and reproduction of digital content comprising:

receiving a digital bitstream including program data, said program data including system information and said digital content in a scrambled format;

descrambling said digital content in a scrambled format to provide a first output including said digital content in a descrambled format;

outputting said first output including said digital content in a descrambled format;

outputting a second output including said digital content in a scrambled format;

receiving a plurality of access requirements, wherein each access requirement can descramble the scrambled program;

selecting at least one of the access requirements;

storing the scrambled program data and the selected at least one access requirement.